



## IBC 2017 Product Highlights

### SDI over IP 4K Uncompressed Extender



Extends HD/3G/6G-SDI up to 30 meters via CAT5/6 cable or up to 400 meters via duplex multimode OM4 fiber with LC connectors. Uncompressed resolutions with zero latency are supported up to 4K@30Hz in a point-to-point configuration. Nearly unlimited point-to-multipoint and multipoint-to-multipoint configurations are possible by connecting to a 10Gig Ethernet network. RS-232 is provided for remote control of end devices.

### 3G-SDI/RS232 over IP Extender with PoE

Distributes broadcast quality SD/HD/3G-SDI video with embedded audio over local area networks in a low latency, versatile manner. It is a cost effective alternative to a dedicated SDI matrix switch, and sends SDI over CAT5/6 cable instead of traditional coax, saving cable cost and simplifying installation. It is ideal for live video delivery around a broadcast facility or running media exchanges between different studios within a facility.



## Test Equipment

### Signal Generator



This portable test tool is able to generate SD/HD/3G SDI and HDMI 2.0 test patterns in a full range of resolutions up to 4K@ 60Hz (4:4:4). It can validate the capabilities and proper operation of sink devices. Users can select from various test pattern, resolutions, refresh rates, color spaces and other related parameters. When used with the Signal Analyzer, a useful set of cable connectivity/quality tests, and device compatibility tests can be performed to help identify problems. The device is an exceptional tool at an attractive price for any AV engineer/developer, Integrator and installer. Includes rechargeable Lithium-ion 5 Hour battery.

### Signal Analyzer

This portable test tool is able to analyze SD/HD/3G SDI and HDMI 2.0 test patterns in a full range of resolutions up to 4K@ 60Hz (4:4:4). It can validate the capabilities and proper operation of source devices. When used with the Signal Generator, a useful set of cable connectivity/quality tests, and device compatibility tests can be performed to help identify problems. The device is an exceptional tool at an attractive price for any AV engineer/developer, Integrator and installer. Includes rechargeable Lithium-ion 5 Hour battery.



## 6G-SDI Extender over UTP



Extends SD/HD/3G/6G-SDI up to 100 meters via Cat5e/6 UTP cable. This multichannel extender supports up to 6Gbps of data throughput over the UTP link and allows for versatile combinations of sources, including one 6G-SDI source, two 3G-SDI sources or four HD-SDI sources. It also transmits two Ethernet signals to be used as return channels, and a bi-directional RS232 pass-through. The Ethernet port can be used for AV monitoring and talk-back, while the RS232 pass-through supports return of tally light, camera control unit (CCU) and control of end devices.

## 6G-SDI Extender over Fiber Optic with Return Channel

Extends SD/HD/3G/6G-SDI up to 400 meters via OM4 multi-mode fiber or up to 80 kilometers via single-mode fiber. This product can simultaneously transmit up to 9Gbps of data throughput over the fiber link, and allows for versatile combinations of sources. It supports a simultaneous transmission of mixed signals such as one 6G-SDI + one 3G-SDI, or two 3G-SDI + two HD-SDI, and many other combinations up to 9Gbps. It provides one SDI input and output, plus three directional SDI ports that can be individually configured as input or output. This flexibility allows for up to four source ports and one return channel, or up to one source port and four return channels, or anything in between.



## 12G-SDI 1x6 Splitter 4K/60



Splits one 12G/6G/3G/HD/SD-SDI signal and distributes it up to six 12G/6G/3G/HD/SD-SDI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio, including 480i (SD-SDI), 720p/1080i (HDSDI), 1080p (3G-SDI), 4K/30 (6G-SDI) and 4K/60 (12G-SDI).

It will automatically detect the input signal and re-clock and regenerate it at the output for an ideal configuration. Additionally, all connectors are on the rear panel for neater cabling.

## 3G-SDI 1x4 Splitter

Splits one 3G/HD/SD-SDI signal and distributes it to up to four 3G/HD/SD-SDI displays. The splitter supports up to 1080p video, including 480i (SD-SDI), 720p/1080i (HD-SDI), and 1080p (3G-SDI). It will automatically detect the 3G/HD/SD-SDI signal and re-clock and regenerate it at the output for extending distances between source and displays.

